

Alaska Fisheries Science Center, Marine Mammal Laboratory
California Current Ecosystem Program

Ecosystem-Science Related Publications

- Cortés-Hinojosa, G., F. M. D. Gulland, **R. DeLong**, T. Gelatt, L. Archer, and J. F. X. Wellehan. 2016. A Novel gammaherpesvirus in northern fur seals (*Callorhinus ursinus*) is closely related to the California sea lion (*Zalophus californianus*) carcinoma-associated otariine herpesvirus-1. *J. Wildl. Dis.* 52:88-95.
- Erlandson, J., T. J. Braje, **R. L. DeLong**, and T. C. Rick. 2015. Natural or Anthropogenic? Novel community reassembly after historical overharvest of Pacific Coast pinnipeds. In *Marine Historical Ecology in Conservation: Applying the Past to Manage for the Future* (J. N. Kittinger, L. McClenachan, K. B. Gedan, and L. K. Blight, eds.), p. 39-61. University of California Press, Los Angeles.
- Huber, H. R.**, S. J. Jeffries, D. M. Lambourn, and B. R. Dickerson. 2010. Population substructure of harbor seals (*Phoca vitulina richardsi*) in Washington State using mtDNA. *Can. J. Zool.* 88:280–288.
- Lea, M. A., D. Johnson, **S. Melin**, R. Ream, and T. Gelatt. 2010. Diving ontogeny and lunar responses in a highly migratory mammal, the northern fur seal *Callorhinus ursinus*. *Mar. Ecol. Prog. Ser.* 419:233-247.
- Lea, M. A., D. Johnson, R. Ream, J. Sterling, **S. Melin**, and T. Gelatt. 2009. Extreme weather events influence dispersal of naive northern fur seals. *Biol. Lett.* 5:252-257.
- Melin, S. R., J. L. Laake, R. L. DeLong**, and D. B. Siniff. 2012. Age-specific recruitment and natality of California sea lions at San Miguel Island, California. *Mar. Mamm. Sci.* 28:751-776.
- Melin, S. R., A. J. Orr, J. D. Harris, J. L. Laake, and R. L. DeLong**. 2012. California sea lions: An indicator for integrated ecosystem assessment of the California Current System. *Cal. Coop. Ocean Fish.* 53:140-152.
- Melin, S. R., J. T. Sterling, R. R. Ream, R. Towell, T. K. Zeppelin, A. J. Orr**, B. Dickerson, N. Pelland, and C. Kuhn. 2012. A tale of two stocks: Studies of northern fur seals breeding at the northern and southern extent of the range. NMFS-AFSC Quarterly Report June 2012. 7 p. (http://www.afsc.noaa.gov/Quarterly/amj2012/AMJ12_Feature-A.pdf)
- Melin, S. R., A. J. Orr, J. D. Harris, J. L. Laake, R. L. DeLong**, F. M. D. Gulland, and S. Stoudt. 2010. Unprecedented mortality of California sea lion pups associated with anomalous oceanographic conditions along the central California coast in 2009. *Cal. Coop. Ocean Fish.* 51:182-194.
- Melin, S. R., R. L. DeLong**, and D. B. Siniff. 2008. The effects of El Niño on the foraging behavior of lactating California sea lions (*Zalophus californianus californianus*) during the nonbreeding season. *Can. J. Zool.* 86:192-206.
- Orr, A. J.**, G. R. VanBlaricom, **R. L. DeLong**, V. H. Cruz-Escalona, and S. D. Newsome. 2011. Intraspecific comparison of California sea lion (*Zalophus californianus*) diet assessed using fecal and stable isotope analyses. *Can. J. Zool.* 89:109-122.
- Randhawa, N., F. Gulland, G. M. Ylitalo, **R. DeLong**, and J. A. K. Mazet. 2015. Sentinel California sea lions provide insight into legacy organochlorine exposure trends and their association with cancer and infectious disease. *One Health* 1:37-43.

- Rick, T. C., T. J. Braje, and **R. L. DeLong**. 2011. People, pinnipeds, and sea otters of the northeast Pacific. In Human impacts on seals, Sea Lions, and Sea Otters: Integrating archaeology and ecology in the Northeast Pacific (T. J. Braje and T. C. Rick, eds.), p. 1-17. University of California Press, Berkeley/Los Angeles/London.
- Zeppelin, T., and **A. J. Orr**. 2010. Stable isotope and scat analyses indicate diet and habitat partitioning of northern fur seals (*Callorhinus ursinus*) across their breeding range in North American waters. Mar. Ecol. Prog. Ser. 409:241-253.

CalCOFI Reports

- Bjorkstedt, E. P., R. Goericke, S. McClatchie, E. Weber, W. Watson, N. Lo, W. T. Peterson, R. D. Brodeur, T. D. Auth, J. Fisher, C. Morgan, J. Peterson, J. Largier, S. J. Bograd, R. Durazo, G. Gaxiola-Castro, B. E. Lavaniegos, F. P. Chavez, C. A. Collins, B. Hannah, J. Field, K. Sakuma, W. Satterthwaite, M. O'Farrell, S. A. Hayes, J. Harding, W. J. Sydeman, S. A. Thompson, P. Warzybok, R. Bradley, J. Jahncke, R. T. Golightly, S. R. Schneider, R. M. Suryan, A. J. Gladics, C. A. Horton, S. Y. Kim, **S. R. Melin, R. L. DeLong**, and J. Abell. 2012. State of the California Current 2011-2012: Ecosystems respond to local forcing as La Niña wavers and wanes. Cal. Coop. Ocean Fish. 53:47-76.
- Leising, A. W., I. D. Schroeder, S. J. Bograd, J. Abell, R. Durazo, G. Gaxiola-Castro, CICESE, E. P. Bjorkstedt, J. Field, K. Sakuma, R. R. Robertson, R. Goericke, W. T. Peterson, R. D. Brodeur, C. Barcelo, T. D. Auth, E. A. Daly, R. M. Suryan, A. J. Gladics, J. M. Porquez, S. McClatchie, E. D. Weber, W. Watson, J. A. Santora, W. J. Sydeman, **S. R. Melin**, F. P. Chavez, R. T. Golightly, S. R. Schneider, J. Fisher, C. Morgan, R. Bradley, and P. Warybok. 2015. State of the California Current 2014-15: Impacts of the Warm-Water "Blob". Cal. Coop. Ocean Fish. 56:31-68.
- Leising, A. W., S. J. Bograd, I. D. Schroeder, E. P. Bjorkstedt, J. Field, K. Sakuma, J. Abell, R. R. Robertson, J. Tyburezy, W. T. Peterson, R. Brodeur, C. Barceló, T. D. Auth, G. S. Campbell, J. A. Hildebrand, R. M. Suryan, A. J. Gladics, C. A. Horton, M. Kahru, M. Manzano-Sarabia, S. McClatchie, E. D. Weber, W. Watson, J. A. Santora, W. J. Sydeman, **S. R. Melin, R. L. DeLong**, J. Largier, S. Y. Kim, F. P. Chavez, R. T. Golightly, S. R. Schneider, P. Warzybok, R. Bradley, J. Jahncke, J. Fisher, and J. Peterson. 2014. State of the California Current 2013-2014: El Niño looming. Cal. Coop. Ocean Fish. 55:51-87.
- Wells, B. K., I. Schroeder, J. A. Santora, E. L. Hazen, S. J. Bograd, E. P. Bjorkstedt, V. J. Loeb, S. McClatchie, E. D. Weber, W. Watson, A. R. Thompson, W. T. Peterson, R. D. Brodeur, J. Harding, J. Field, K. Sakuma, S. Hayes, N. Mantua, W. J. Sydeman, M. Losekoot, S. A. Thompson, J. Largier, S. Y. Kim, F. P. Chavez, C. Barcelo, P. Warzybok, R. Bradley, J. Jahncke, R. Goericke, G. S. Campbell, J. A. Hildebrand, **S. R. Melin, R. L. DeLong**, J. Gomez-Valdez, B. E. Lavaniegos, G. Gaxiola-Castro, R. T. Golightly, S. R. Schneider, N. Lo, R. M. Suryan, A. J. Gladics, C. A. Horton, J. Fisher, C. Morgan, J. Peterson, E. A. Daly, T. D. Auth, and J. Abell. 2013. State of the California Current 2012-13: No such thing as an "Average" year. Cal. Coop. Ocean Fish. 54:37-71.